



17" (16.0" VIS) XSD™ monitor

Product description

- 17-inch (16.0"VIS) color monitor with excellent front of screen performance for use with MACs and PCs
- Autoscan covers horizontal frequencies up to 92 kHz offering a maximum resolution of 1920 x 1440 with flicker free display of 1024 x 768 at up to 115 Hz
- Flat Square High Contrast CRT with high-resolution 0.25 mm dot pitch (0.21 hdp)
- LightFrame™ for brightest and sharpest display of movie and photo windows
- XSD - Xtra Space Design™ for large screen display in a small footprint: World's shortest 17-inch conventional monitor with maximum depth of only 408 mm / 16.1"
- Multimedia Base and USB Hub option
- TCO99, E2000, NUTEK, EPA, FCC, CE, ISO9241 and ISO14001 certified

Optional Multimedia base 6G3B11



Optional USB HUB PCUH411



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17" (16.0" VIS) XSD™ monitor



Technical Specifications

CRT

- Size (inch/cm) 17"/ 41 cm
- Deflection angle (degrees) 90°
- Dot pitch 0.25 mm
- Horizontal pitch 0.21 mm
- -Tube type Shadow mask, Flat Square, High Contrast, Anti Glare, Anti Static, Anti reflection, Light Transmission 47% P22
- Phosphor P22
- Recom. display area(mm) 306 x 230 mm
- Recom. display area(inch) 12.0" x 9.0"
- Max. display area(mm) 327 x 245 mm
- Max. display area(inch) 12.9" x 9.7"

Scanning

- Horizontal scanning 30 - 92 kHz
- Vertical scanning 50 - 160 Hz

Video

- Video dot rate 234 MHz
- Input impedance
 - Video 75 Ohm
 - Sync 2.2k Ohm
- Input signal levels 0.7 Vpp
- Sync input signal Separate sync Composite sync
- Sync polarities Positive and negative

White color temperature

Chromaticity CIE coordinates:

- at 9300 K: x=0.283, y=0.297
- at 6500 K: x=0.313, y=0.329
- at 5500 K: x=0.332, y=0.347

Resolution and preset modes

- Max. resolution 1920 x 1440
 - Recom. resolution 1024 x 768
 - 16 user definable modes
 - 34 factory preset modes:
- | | H.freq (kHz)/V.freq (Hz) |
|-------------|---|
| 640 x 350 | 31.5K/70; 37.9K/85 |
| 640 x 480 | 31.5K/60; 37.9K/72; 37.5K/75; 43.3K/85; 50.6K/100 |
| 720 x 400 | 31.5K/70; 37.9K/85 |
| 800 x 600 | 37.9K/60; 48.1K/72; 46.9K/75; 53.7K/85; 63.9K/100 |
| 832 x 624 | 49.7K/75 |
| 1024 x 768 | 48.4K/60; 56.5K/70; 60.0K/75; 68.7K/85 |
| 1152 x 864 | 67.5K/75; 77K/85 |
| 1152 x 870 | 68.7K/75 |
| 1152 x 900 | 71.8K/76 |
| 1280 x 960 | 60.0K/60; 85.9K/85 |
| 1280 x 1024 | 64.0K/60; 80.0K/75; 91.1K/85 |
| 1600 x 1200 | 75.0K/60; 81.3K/65; 87.5K/70 |
| 1792 x 1344 | 83.6K/60 |
| 1856 x 1392 | 86.3K/60 |
| 1920 x 1440 | 90.0K/60 |

Plug and play compatibility

- Display Data Channel DDC 1/2B
- Microsoft® Windows® 95/98/NT/2000 compatible

Power management

- Operation (typ.I) 90 W
- Suspend/Stand By mode (typ.) < 10 W
- Off mode/ Deep Sleep < 3 W

Low-emission characteristics

- Complies with MPR-II and TCO '99 specifications

Monitor controls and functions

- Main 5-button OSD
 - Brightness +/- direct access
 - Contrast +/- direct access
- On Screen Display Language (English, Spanish, French, German, Italian), zoom, horizontal, vertical, pincushion, balanced, trapezoid, parallelogram, color, reset, degauss, moire, serial number, resolution, frequency
- LightFrame™ Brightness and sharpness boost on user selectable windows. User interface application for Windows® 95/98/NT/2000 and MacOS 8/9. Supported languages: English, French, German, Spanish, Dutch, Portuguese (for Windows® version) and English, French, Spanish, German (for MacOS).

Connections and Cables

- Connections
 - Video 15-pin D-Shell
- Cables Video(fixed) and Power

Regulatory approvals

- TCO '99
- MPR-II Low Emission
- TÜV/GS, TÜV-Ergo, TÜV/9241-3
- FCC-B, UL, CSA, DHHS
- SEMKO, Poland-B sign, C-Tick
- VCC-I, CE, BCIQ, PSB

Physical specifications

- Dim. incl. base (WxHxD)(mm) 399 x 410 x 408
- Dim. incl. base (WxHxD)(inch) 15.7" x 16.1" x 16.1"
- Dim. excl. base (WxHxD)(mm) 399 x 373 x 408
- Dim. excl. base (WxHxD)(inch) 15.7" x 14.7" x 16.1"
- Weight (kg) 15.0 kg
- Power supply 90 - 264 VAC, 50/60Hz
- Temperature (operational) 0°C to 40°C/ 32°F to 104°F
- Temperature (storage) -25°C to 65°C/ -13°F to 149°F
- Relative humidity 5% to 95%
- MTBF (excl. CRT) > 75,000 H

Other

- USB Hub option type: PCUH411
- Multimedia Base option type: 6G3B11

This monitor fulfills all Nutek requirements regarding power management. Philips is a partner in the EPA's Energy Star Computers Program. As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency. MAC is a registered trademark of Apple Computer, Inc. MS-DOS is a registered trademark and Windows® 95/98/NT/2000 is a trademark of Microsoft Corp. All trademark acknowledged. Copyright © 2000 Philips Electronics N.V.

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